DBR No 31/17-18
DATED 30/6/2017

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No: 1st and Final

Date 2016

Division: **Project** Sub-Division: **Project**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....
Sub Divisional **Work Code: 001-16-000002**

Schedule Docket No. Head of Account: **P3089(CMC/TMC)** Est.Cost: **125.00 Lacs**

Name of Work: **Construction of Additional Class rooms, toilet and Providing school accessories to Yelahanka Government Junior College Yelahanka Bangalore in Ward No.01**

Name of Contractor and Full Address: **Sri.Gangulu reddy**
Reference to Agreement No.**26/2016-17** Date: **03-12-2016**

Certified that the measurements were taken by me on 22/6/17 and recorded of Pages 198650 - 198686 of measurement Book No. 27/09-10 and that the work is satisfactorily executed.

A. Gangulu Reddy
Contractor

Puja Kaushik
Officer-in-charge of work

Certified that the measurement were taken by me on 22/6/2017 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Total Rs. 1.2285,352-00
2)	Deduct amount to be held in reserve being .....percent Rs.....	
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	IT - 122854-00 VAT - 491414-00 Cess 122854-00 CBF. 12285-00 LR - 61073-00
	b) Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
7)	Net amount due to or from Contractor	unadjustments items.
8)	Advance to Contractor for materials brought to site (as detailed) within.	Adju - 810480-00
9)	Value of Government materials supplied.	Cheque 1.14.74872-00
		Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

A. Gangulu Reddy
Audited & Admitted for Rs. 1228535200
(For use in the Office)

Witness
1.
2.

Dated Signature of Contractor

Stamp and Rs.

1.14.74.872-00 by Cheque
810480-00 Adjustment

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

Accts. Supdt. 26/6
Project Division
B.B.M.P.

Exe. Engineer
Project Division
B.B.M.P.
26/6

Executive Engineer

26/6

Sl No	Item Name	Uni
1	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar.(p.no,136/ si,no18.18,PWD SR 2015-2016)	Cum
2	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (P5/2.1,PWD SR 2015-2016)	Cum
3	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 (P.5/2.4 PWD SR - 2015-16).	Cum
4	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 (P.25/5.6)	Cum
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P.6/2.10 PWD SR - 2015-16).	Cum
6	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P16/4.32)	Sqm
7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressuemers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications.(p.no16/si no4.34 pwd sr 2015-2016)	Sqm
8	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.18)	Sqm
9	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.7cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirmingto IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.(p.no13/sino4.12,pwd sr 2015-2016)	Cum
10	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500(p.no17.4.46.2 pwd sr 2015-2016)	Tonne,s

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	2.81	380.00	1068 - ~~1065.9~~	2.81	1068 - ~~1065.90~~	
-	-	709.61	170.00	120633.02	709.61	**120633.02**	
-	-	432.95	300.00	129884.967	432.95	**129884.97**	
-	-	74.62	4500.00	335790 - ~~335809.665~~	74.62	335790 - ~~335809.67~~	
-	-	1142.56	140.00	159957.8246	1142.56	**159957.82**	
-	-	199.36	380.00	75756.42	199.36	**75756.42**	
-	-	218.28	280.00	61118.4	218.28	**61118.40**	
-	-	316.70	360.00	114012 - ~~114010.2~~	316.70	114012 - ~~114010.20~~	
-	-	199.19 + 199.30	7000.00	1394330 - ~~1395107.56~~	199.19 ~~199.30~~	1394330 - ~~1395107.56~~	
		22.55	66000.00	1488300 - ~~1488268.241~~	22.55	1488300 - ~~1488268.24~~	

Sl No	Item Name	Un
11	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)	Sq
12	KSRB 5-15: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x10x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.28)	Sq
13	Providing ceramic tiles of approved make shade and size for flooring,treads of steps and landings laid on a bed of 12mm thick,cement mortor 1:3 mix,flush pointing with white cement using colour pigment, including cost of materials labour curing complete as per specifications. size 30X30cms 6mm thick (page 105/Item no. 14.36)	Sq
14	KSRB 14.17.1 : Providing skirting dado, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately)using glazed tiles of approved make and size including cost of materials labour, complete as per specifications. Specification No. KBS 14.16., 14.17 (Page no. 106/ Item No. 14.41.1 (15x15 6mm thick	Sq
15	Providing and laying in Mat for RCC roof at below the steel for avoiding concrete cement slurry as per the requirement of Engineer incharge.(Approved Data Rates)	Sq
16	Extra for use of water proofing compound in cement concrete of mix M-25, @ 1kg of compound per Bag of cement.(p.no-14/4.24 pwd sr 2015-2016)	Cu
17	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering,, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing complete as per specifications and direction of the Engineer in charge Providing Lime rendering for Plastering to Ceiling including cost of materials, labour, curing complete as per specification.	Sqr
18	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge Providing lime rendering for plastering to wall and ceiling including cost of materials labour curing complete as per specifications Internal wall plastering	Sqr
19	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering	
20	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty,scrapping and levelling thesurface even and smooth by using different grade sand papers etcas per specifications and directions in charge of the work.	sqr
21	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on ceiling surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.with primer	Sqr

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	314.54 ~~314.89~~	1119.00	351970- 352360.791	314.54 ~~314.89~~	351970- **~~352360.79~~**	
		21.74	800.00	17392- ~~17388~~	21.74	17392- **~~17388.00~~**	
-	-	25.80	1300.00	33540 ~~33533.5~~	25.80	33540- **~~33533.50~~**	
-	-	57.72	1650.00	95238	57.72	**95238.00**	
		301.08	65.00	19570.2	301.08	**19570.20**	
-	-	22.95	220.00	5049	22.95	**5049.00**	
-	-	342.64	246.00	84289.44	342.64	**84289.44**	
		582.05	340.00	197897- ~~197895~~.3	582.05	197897- **~~197895.30~~**	
-	-	470.09	300.00	141027- ~~141026.7~~	470.09	141027- **~~141026.70~~**	
-	-	1052.13	60.00	63127.8	1052.13	**63127.80**	
-	-	582.05	100.00	58205	582.05	**58205.00**	

Sl No	Item Name	Ur
22	Providing and applying painting in two coats with plastic Emulsion paint of approved brand on ceiling surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.with primer	Sq
23	Providing ACE paint to external walls of approved colour and shade over primes coat etc etcas per specifications and directions in charge of the workas	Sq
24	Dismantling AC Sheet roof and stacking the material within a radious of 50 meters.(p.no.257/si.no37.42,PWD SR 2015-2016)	Cu
25	Dismantling burnt brick masanry in clay mortor/lime mortor/cement mortor and stacking the bricks within a radious of 50m and removing the debries to adistance up to 200 mtr etc as per specifications and directions of the engineer in charge of the work. (p.no.258/si.no37.47,PWD SR 2015-2016)	Cu
26	KSRRB 200-6.1 Cutting of trees girth from 600 mm TO 900mm including cutting of trunks, branches and removal of stumps roots stacking of serviceable materials with all lifts and up to a lead of 1000m and earth filling in the depressions /pit,labour charges complete as per specifications(p.no135/si.no18.7 PWD SR 2015-2016)	NC
27	KSRRB 200-8 Cleaning and grubbing road land including uprooting rank vegetation,grass,brush,shrubs,saplings and trees of girth up to 300 mm,by manual means, in areas of light jungle,removal of stumps, disposal of un serviceable materials,stacking of serviceable materials labour charges complete as per specifications.(p.no 135/si no.18.11, PWD SR 2015-2016)	Sq
28	KSRB 2.8: Providing and Filling in foundation with granite / trap broken metal 100mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications. (P6/2.15 PWD SR 2015-2016)	Cu
29	KSRRB 4.1.3:- Providing and laying in position plain cement concrete mix 1:4:8 with OPC cement @ 180 kgs,with 40mm and down size graded granite material coarse aggregates @0.85 cum and fine aggrigates @ 0.57 cum machine mixed,machine mixed concrete laid in layers not exceeding 15cms thick well compacted,in foundation, including cost of all materials,labour,HOM of machinery,curing complete as per specifications. (P.12/4.3,PWD SR 2015-2016)	Cu
30	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (P.26/5.90)	Cu
31	KSRB 4-1.5: Providing and laying in position plain cement concrete of mix M20 with opc cement 2300kgs,with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @.43 cum,with superplastisisre @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not excedding 15cms. Thick well compacted in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specification.(P12/4.5,PWD SR 2015-2016)	Cu
32	KSRB 15.1.3 Providing flush pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.122/I.15.3)	Sq
33	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of materials, labour complete as per specifications. (P15/4.28)	Sq
34	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specifications. (P15/4.36)	Sq

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
		342.64	100.00	34264	342.64	**34264.00**	
		470.09	200.00	94018	470.09	**94018.00**	
-	-	38.00	62.54	2376.52	38.00	**2376.52**	
		42.14	155.82	6566- ~~6565.989906~~	42.14	6566- ~~**6565.99**~~	
-	-	15.00	709.14	10637.1	15.00	**10637.10**	
		457.50	6.36	2909.7	457.50	**2909.70**	
-	-	112.24	2133.78	239495- ~~239486.9321~~	112.24	239495- ~~**239486.93**~~	
		314.96 ~~315.10~~	4976.70	1567461- ~~1568152.671~~	314.96 ~~315.10~~	1567461- ~~**1568152.67**~~	
-	-	24.42	4814.52	117571- ~~117589.5235~~	24.42	117571- ~~**117589.52**~~	
		227.92 ~~230.22~~	5880.88	1340370- ~~1353909.72~~	227.92 ~~230.22~~	1340370- ~~**1353909.72**~~	
-	-	47.84	97.52	4665- ~~4664.8692~~	47.84	4665- ~~**4664.87**~~	
-	-	145.58	239.56	34875.1448	145.58	**34875.14**	
-	-	215.01	703.84	151332.6384	215.01	**151332.64**	

Sl No	Item Name	U
35	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.16/I.4.37)	S
36	Providing and laying in position reinforced cementconcrete of design mix M20 with OPC cement @ 24kgs, with 12mmand down size graded granite metal coarse aggregates @0.5175cumand fine aggregtes @ 0.345cum, with superplastisiser @0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. averagethickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications(P.NO14/SI.NO4.19 pwd sr 2015-2016)	St
37	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.34)	Sc
38	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.	Sc
39	Providing & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 7mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge Page No. 57/ Item No. 9.84/ PWD SR 2015-16 SOLID PVC DOOR FRAME	Sc
40	SOLID PANEL PVC DOOR SHUTTER Providing and fixing 30 mm thick factorily made rigid foam panelled door shutters made from M.S Tuvbe of 19 gauge thickeness size 19x19 mm tro styles and 15x15mm for top and bottom rails, coverted with heat moulded PVC channel of 5 mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rails & bottom rail panelling of 5 mm thick 20mm wide PVC sheet fittled in te M.S Frame sealed to the styless & rails with 5 x 30mm PVC sheet beading on ewither sides & joined together with solvent cement adhesive etc., complete as per manufactures specification & direction of Engineer - in charge fixed to frames with 3 nos, of 75mm Aluminium hinges Page No. 57 / Item No. 9.83 / PWD 2015-16	Sc

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
		15.84	278.78	4416 ~~4415.8752~~	15.84	4416 ~~4415.88~~	
-	-	15.66	461.10	7220 ~~.826~~	15.66	7220 ~~.83~~	
-	-	78.62	945.52	74337 ~~74340.56448~~	78.62	74337 ~~74340.56~~	
		294.78	1952.52	575564 ~~575554.083~~	294.78	575564 ~~575554.08~~	
-	-	0.28	552.26	155 ~~151.8715~~	0.28	155 ~~151.87~~	
		6.83	3365.50	22986 ~~22969.5375~~	6.83	22986 ~~22969.54~~	

Sl No	Item Name	U
41	Providing and fixing cold rolled perepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanished on both sides 120gms/sq.mtr. Primer coat upto 5microns with thermosetting epoxy resin and finish painted with a polyester based paint 20microns thick. The size of profiles in approximately 46x52mm for external formes, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws. The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm tinted glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizonatally at 125mm C/C by revetting to the external frame. The abovve frames are fixed to the conccrete / masonry walls by means of self expanding screws." PWD SR 2015-16(P.39/ I. 7.24(d))	Sq
42	Supplying and fixing pressed steel door frames size 125 x 65 mm manufactured from 1.25 mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm thick with lock rail of 160 mm width, top and side of 100 mm width and bottom rails of 250 mm width and panel filling with 12 mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, war page and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4 (P.45/I.7.26)	Sq
43	Providing and laying in positon plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregrates @ 0.69cum and fine aggregates @ 0.43cum,with super plastisiser @ 3 litres confirming to IS 9103-1999 reaffirmed-2008, machine mixed concrete laid in layers not exceeding 15 cms thick will compacted in	Sq
44	KSRB 8.6-8: Providing and fixing on wall surface 4.0Kg/Sqcm HDPE rain down water pipes 110mm outer dia. Approved makes and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications. (P42/8.19)	Rm
45	Providing and fixing precast solid concrete kerb stones made out of cc1:2:4 and finished with CM 1:3 plastering and finishing cutting etc.,complete asper specifications and directions of the engineer in charge of the work.P.NO25/S.NO5.29.1(PWD SR2014-2015)	NO
46	Providing and fixing cement base precast, pre-polished cement concrete designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, gridding the edge to half/full round wherever required, labour curing complete as per specification. P.109, I. No.14.62	Sq

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	59.15	3811.76	225446.5452	59.15	**225446.55**	
		11.34	3710.00	42071.4	11.34	**42071.40**	
-	-	22.95	5880.88	134961.7853	22.95	**134961.79**	
		29.80	601.02	17910.396	29.80	**17910.40**	
-	-	230.00	366.76	84354.8	230.00	**84354.80**	
	-	1234.76	1116.18	1378212.296	1234.76	**1378212.30**	

Sl No	Item Name	U
47	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughlycleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, completeas per specifications.	S
48	KSRB13-1.1 : Providing and fixing to wall, ceiling and floor galvanised/mild steel tube 15 mm dia nominal bore with fittings (medium grade weight 1.27 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing complete as per specifictaions. Specification No. KBS 13.2.14/13.8. (P-90 & 13.1).	
49	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660 x 460 with a pair of 15 mm C.P. brass pillar taps with pair of elbow operated levers, C.I./M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 70 Item No. 12.30)	U
50	KSRB 13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 25 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads, complete as per specifications. Specification No. KBS 13.2.2/13.3 (Page No. 80 & Item No. 13.23).	Ea
51	Providing and fixing white vitreous china clay, water european type(pedestal type,S-trap)With black solid plastic seat and lid flushing cistern (all are approved make) with fittings, C.I./M.S. brackets, 40 mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25 mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 67 Item No. 12.2)	Pa
52	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa Pattern of size 580 x 440 mm with integral type footrest, 100mm S or P trap, 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I./M.S. brackets, 32 mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25 mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour, curing complete as per specification. KBS 11 (Page : 67 Item No. 12.2)	Pa
53	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer black or Blue and inner white layer of approved quality and make, conforming to I.S.I/ISO/SSI specifications.	Lt
54	KSRB 11-15.3: Providing and fixing 453x357mm rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing incluidng cost of materials, labour complete as per specifications.	Un
55	Supplying and wiring adoptiong loop system in existing PVC conduit /casing caping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose legnth in a wood/PVC round block, complete for each outlet. (P.4/I.8.I.C) Electrical-SR 2015-16) b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch	No
55a	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch	No
56	Supplying 6A flush /projected type socket and a 6 amps flush/projected type SP switch either surface mounting in a gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. (P.6/I.12a) Electrical -SR 2015-16)	No
57	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work complete. (P.4/I.6) Electrical -SR 2015-16)b) 12"x12"x3"	Eac

Previ
Qty

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	41.50	41.34	1715.77536	41.50	**1715.78**	
	-	100.00	192.92	19292	100.00	**19292.00**	
-	-	2.00	4678.84	9357.68	2.00	**9357.68**	
	-	10.00	284.08	2840.8	10.00	**2840.80**	
-	-	1.00	5134.64	5134.64	1.00	**5134.64**	
-	-	4.00	4572.84	18291.36	4.00	**18291.36**	
-	-	1000.00	6.36	6360	1000.00	**6360.00**	
-	-	2.00	1230.66	2461.32	2.00	**2461.32**	
		20.00	175.00	3500	20.00	**3500.00**	
-	-	12.00	368.00	4416	12.00	**4416.00**	
-	-	10.00	91.00	910	10.00	**910.00**	
-	-	10.00	98.00	980	10.00	**980.00**	

Sl No	Item Name	U
57a	c) 10"x7"x3"	Ea
58	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulated etc.., and fixing on existing wooden or metal box using N.F. screws.., (P.10/I.22) Electrical SR - -SR 2015-16)	S c
59	Extra for groove cutting, plastering and colour washing for embedding PVC conduit/GI pipe and plastering finishing the wall upto wall surface complete upto 50mm conduit in brick in wall (P.3/I.7a) Electrical-SR 2015-16)	R
60	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.3.3 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. (P.68/I.2) Electrical -SR 2015-16)	Ea
61	Supplying and fixing of porcelain fuse chanel with cut out on existing wooden/panel using ncessary nuts, bolts and washers etc complete (P.32/I.3a) Electrical -SR 2015-16)	Ea
62	Supplying 20mm dia 2mm thick heavy guage PVC conduit pipe with suitable size bends, metal junction boxes, adhesive paste etc and running before concreting the slabs. The conduit should be tied to the reinforcement roads by using binding wire and unused ways of junction boxes and pipe ends should be covered using PVC and enclosures and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.2/I.2a) Electrical -SR 2015-16)	Rn
63	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps. (P.13/I.12a) Electrical -SR 2015-16)	N
64	Supply patty type fluorescent tube light fitting of 4 feet 40 watts fluorescent tube of 230 volts made of M.S. sheet and stove enameled with heavy duty polyfill aluminum choke, starter,	N
65	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 1.50 Sqmm materials (P.9/I.20Ib) Electrical -SR 2015-16)	Rn
66	Supplying and running of GI / Copper conductor for grounding & (along with other wires of CTS or conduit system of wiring) using if necessary suitable size clamps bolts nuts and washers etc. (P.68/I.3Ic) Electrical -SR 2015-16)	Rn
67	Supplying and fixing miniature circuit breakers/Isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required (P.36/I.12Ba) Electrical -SR 2015-16)	N
68	Supplying capacitor type ceiling fan complete with down rod blades, shakle, regulator canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved (Almanord, Unique ISI, Anchor, Crompton, Khaitan, Bajaj, Usha, Johnson make) (P.23/I.23IIa) Electrical -SR 2015-16)	N
69	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (P.29/I.8) Electrical -SR 2015-16)	N
70	Supplying and fixing 32mm dia class A GI pipe bracket upto 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluoroscent tube street light fitting of all capacities to GI or CI or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. (P.28/I.12b) Electrical-SR 2015-16)	N

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
-	-	10.00	68.00	680	10.00	**680.00**	
-	-	4500.00	0.22	990	4500.00	**990.00**	
-	-	350.00	14.00	4900	350.00	**4900.00**	
-	-	2.00	3000.00	6000	2.00	**6000.00**	
-	-	6.00	54.00	324	6.00	**324.00**	
-	-	350.00	32.00	11200	350.00	**11200.00**	
-	-	9.00	60.00	540	9.00	**540.00**	
-	-	25.00	400.00	10000	25.00	**10000.00**	
-	-	1980.00	15.00	29700	1980.00	**29700.00**	
-	-	54.00	221.00	11934	54.00	**11934.00**	
-	-	9.00	370.00	3330	9.00	**3330.00**	
-	-	6.00	1900.00	11400	6.00	**11400.00**	
-	-	6.00	105.00	630	6.00	**630.00**	
-	-	6.00	685.00	4110	6.00	**4110.00**	

Sl No	Item Name	Un
71	Digging of trench of 0.6m deep x 0.50mtr wide refiling the trench to the required ground level and consolidating etc., complete. In Hard Soil (P.70/I.6b) Electrical -SR 2015-16)	Rm
72	Supply and fixing of Seated Chest Press. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All products must carry a GS mark on it.. Size_L x W x H): 1955 x 733 x 2058 mm. Weight: 86.6 Kg Safety Area: 5545 x 4470 mm Capacity_2 Persons.	No
73	Supply and Fixing of Tai Chi Spinners. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender	No
74	Supply and fixing of HD Health Walker. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.SizeL x W x H): 1065 x 615 x 1364 mm. Weight: 51Kg. Safety Area: 4090 * 3555mm. Capacity 1 Person	No

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
		40.00	50.00	2000	40.00	**2000.00**	
		1.00	230000.00	230000	1.00	**230000.00**	
		1.00	115000.00	115000	1.00	**115000.00**	
		1.00	140000.00	140000	1.00	**140000.00**	

Sl No	Item Name	U
75	Supply and fixing of HD Waist Twister. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L	N
76	Supply and Fixing of Rider. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.. Size_L x W x H): 910 x 655 x 1270 mm. Weight: 29.5 Kg Safety Area: 3310 x 3000 mm Capacity_1 Person.	N
77	Supply and fixing of Self Weighted Rower. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must carry a GS mark on it.. Size_L x W x H): 1390 x 805 x 1100 mm. Weight: 42.4 Kg Safety Area: 3790 x 3205 mm Capacity_1 Person.	No

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
		1.00	130000.00	130000	1.00	**130000.00**	
		1.00	90000.00	90000	1.00	**90000.00**	
	-	1.00	165000.00	165000	1.00	**165000.00**	

Sl No	Item Name	U
78	Supply and fixing of Big Shoulder Wheel. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 845 x 810 x 1710 mm. Weight: 34 Kg Safety Area: 3224 x 3376 mm Capacity_2 Persons.	N
	TOTAL	

Previous Measurements		Present Measurements			Total Up to Date		Remarks
Qty	Amount	Qty	Rate	Amount	Qty	Amount	
		1.00	120000.00	120000	1.00	**120000.00**	
				12300686.29		12300686.29	

Rs. 1.22,85352-4

Priya Kanchi
AE